

Product datasheet for **RC209380A1V**

Human PSG4 (NM_002780) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	PSG4
Synonyms:	PSBG-4; PSBG-9; PSG9
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC209380 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGGCCCTCTCAGCCCTCCCTGCACACCTCATCACTTGAAGGGGCTCCTGCTCACAGCATCAC
TTTAACTTCTGGAATCCGCCACAAGTCAAGTCAAGCCAGCCACCCAAAGTTTCTGA
GGGGAAGGATGTTCTTCTACTTGTCCACAATTTGCCCAAGATCTTGTCTGGCTACATTGGTACAAAGGG
CAATGACATACCTCTACCATTTACATTACATCATATGTAGTAGACGGTCAAAGAATTATATATGGGCCTG
CATACAGTGAAGAGAAAGAGTATATTCCAATGCATCCCTGCTGATCCAGAATGTCACGCAGGAGGATGC
AGGATCCTACACCTTACACATCATAAAGCGACGCGATGGGACTGGAGGAGTAAGTGGACATTTACCTTC
ACCTTACACCTGGAGACTCCCAAGCCCTCCATCTCCAGCAGCAACTTAAATCCAGGGAGGCCATGGAGG
CTGTGATCTTAACCTGTGATCTGCAACTCCAGCCGCAAGCTACCAAGTGGTGGATGAATGGTCAGAGCCT
CCCTATGACTCACAGGTTGCAGCTGTCCAAACCAACAGGACCTCTTTATATTTGGTGTCAAAAGTAT
ATTGCAGGACCTATGAATGTGAAATACGGAACCCAGTGAGTGCCAGCCGAGTGACCCAGTCACCTGA
ATCTCCTCCCAAAGCTGCCAAGCCCTACATCACAATCAACAACCTAAACCCAGAGAGAATAAGGATGT
CTTAACCTTCACCTGTGAACCTAAGAGTGAGAACTACACCTACATTTGGTGGCTAAATGGTCAGAGCCTC
CCTGTCAGTCCCAGGGTAAAGCGACCCATTGAAACAGGATCCTCATTCTACCAATGTCACGAGAAATG
AAACAGGACCTTATCAATGTGAAATACGGGACCGATATGGTGGCATCCGAGTGACCCAGTCACCTGAA
TGTCTCTATGGTCCAGACCTCCCAAGCATTACCTTCATTACCTATTACCGTTCCAGAGAAAACCTC
TACTTGTCTGCTTCGCGAGTCTAAGCCAGGGCACAATATTCTTGGACAATTAATGGGAAGTTTCAGC
TATCAGGACAAAAGCTCTCTATCCCCAAATAACTACAAGCATAGTGGGCTCTATGCTTGTCTGTTCG
TAACTCAGCACTGGCAAGGAAAGCTCAAATCCATCACAGTCAAAGTCTCTGACTGGATATTACCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC209380 protein sequence Red=Cloning site Green=Tags(s) MGPLSAPPCTHLITWKGVLLTASLLNFWNPPTTAQVTIEAQPPKVSEGKDVLLLVHNLQNLAGYIWKYK QMTYLHYIITSYVVDGQRIIYGPAYSGRERVYSNASLLIQNVTQEDAGSYTLHIKRRDGTGGVTGHFTF TLHLETPKPSISSNLNPREAMEAVILTCDPATPAASYQWWMNQSLPMTHRLQLSKTNRTLFIFGVTKY IAGPYECEIRNPVSASRSDPVTLLPKLPKYITINNLPRENKDVLTFTCEPKSENYTYIWWLNGQSL PVSPRVKRPINRILILPNVTRNETGPYQCEIRDYGGIRSDPVTLLNVLYGPDLPSTIYPSFTYYRSGENL YLSCEAESNPRAQYSWTINGKFQLSGQKLSIPQITTKHSGLYACSVRNSATGKESSKSITVKVSDWILP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002780
ORF Size:	1257 bp
Buffer:	PBS with 0.001% Pluronic F68
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_002780.3</u>
RefSeq Size:	2195 bp
RefSeq ORF:	1260 bp
Locus ID:	5672
UniProt ID:	<u>Q00888</u>
Cytogenetics:	19q13.31
MW:	47.1 kDa